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TECHNICAL MEMORANDUM

(TM Series)

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Utility System Program Specifications
Write End of Tape (EOT)

By

W. E. Taber

13 May 1963

Approved

J. A. Kneemeyer

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TJSA 2

SYSTEM
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TM-891/009/00

This document is one of a series of TM-891 volumes established for Utility System program specifications.

Comments on this document must be received by 1 June 1963 to be reflected in the final design criteria. It is anticipated that this feature will be available in the AF/CPL on 21 June 1963. The publication of a volume in the TM-705 (Systems Manual) series will officially announce the completion of this project.

Write End of Tape (EOT)

IDENTIFICATION

- A. Title: Write End of Tape (EOT)
- B. Author: W. E. Taber, System Development Corporation

PURPOSE

This routine will write an end-of-file mark, four records each consisting of "END-OF-TAPE", and a double end-of-file mark on any tape and rewind the tape with or without interlock

USAGE

A. Calling Sequence

L	NOF	O	
	FTJ	EOT	
L+1	Normal	Return	
	ZRO	N	
L+2	ZRO	O	} or BCD 1 NIT ₁
	ZRO	T ₁	
L+3	ZRO	O	} or BCD 1 NIT ₂
	ZRO	T ₂	
	.	.	
	.	.	
	.	.	

$$\left. \begin{array}{lll} L+1+1 & \text{ZRO} & 0 \\ & \text{ZRO} & T_1 \end{array} \right\} \text{ or BCD } 1 \text{ NIT}_1$$

where: N = number of parameters

$T_1 \dots T_i$ = logical tape unit to be rewound with interlock

$\text{NIT}_1 \dots \text{NIT}_i$ = logical tape unit to be rewound without interlock.

B. Function Card

* EOT T_1 or $\text{NIT}_1 \dots T_i$ or NIT_i

where the parameters are defined as above.

C. Error Messages

1. Write parity error.
2. Unit requested is inoperative.
3. Unit requested is invalid.
4. No parameters.

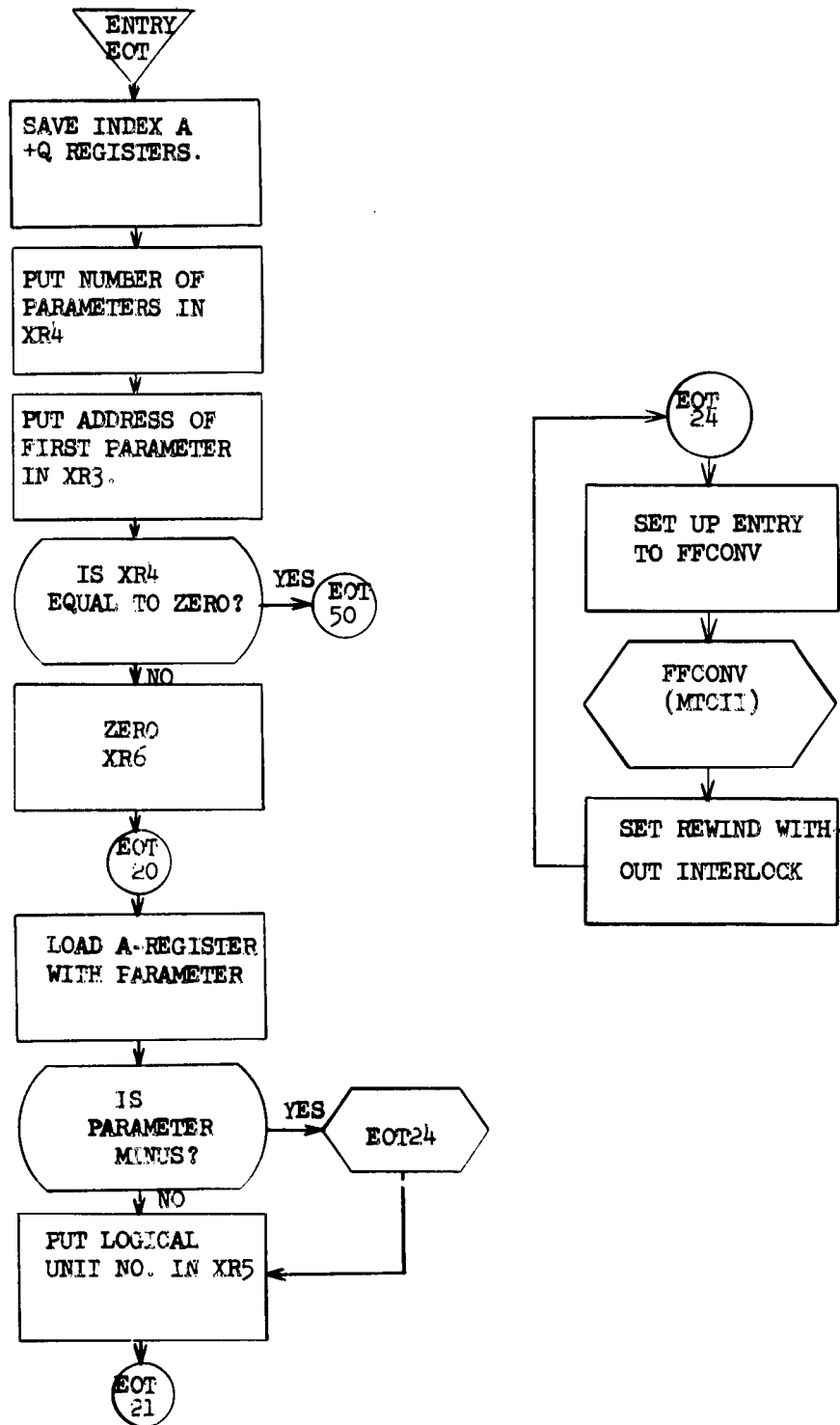
RESTRICTIONS

- A. The routines TAPEIO, TYPEIO, and FFCONV in MTCII will be used.
- B. The words IOSTATUS and EXIT STAT in MTCII will be used.

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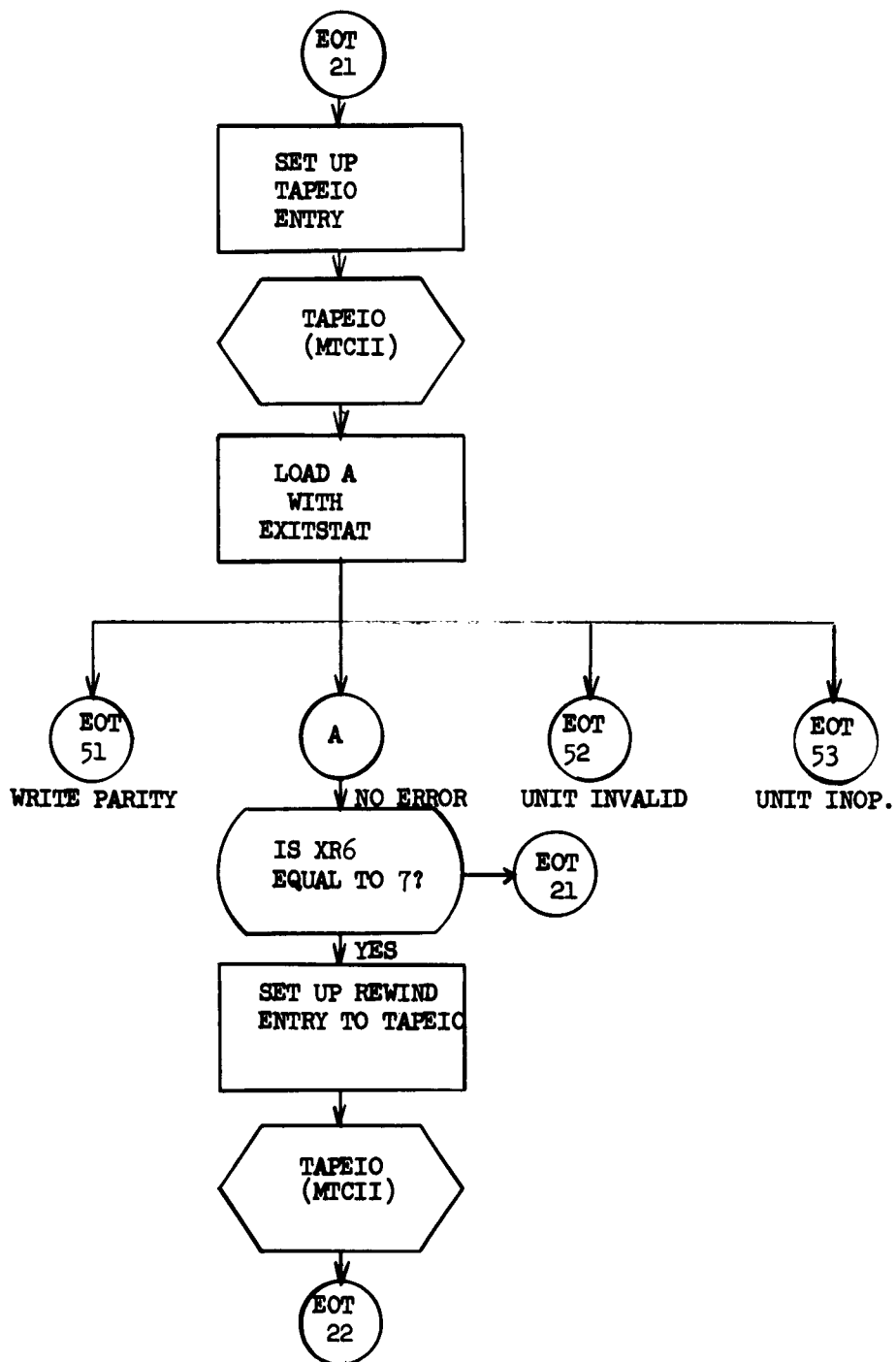
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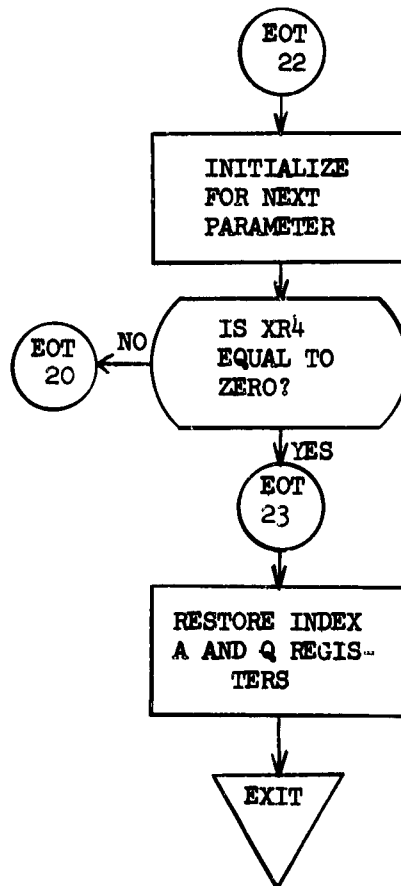
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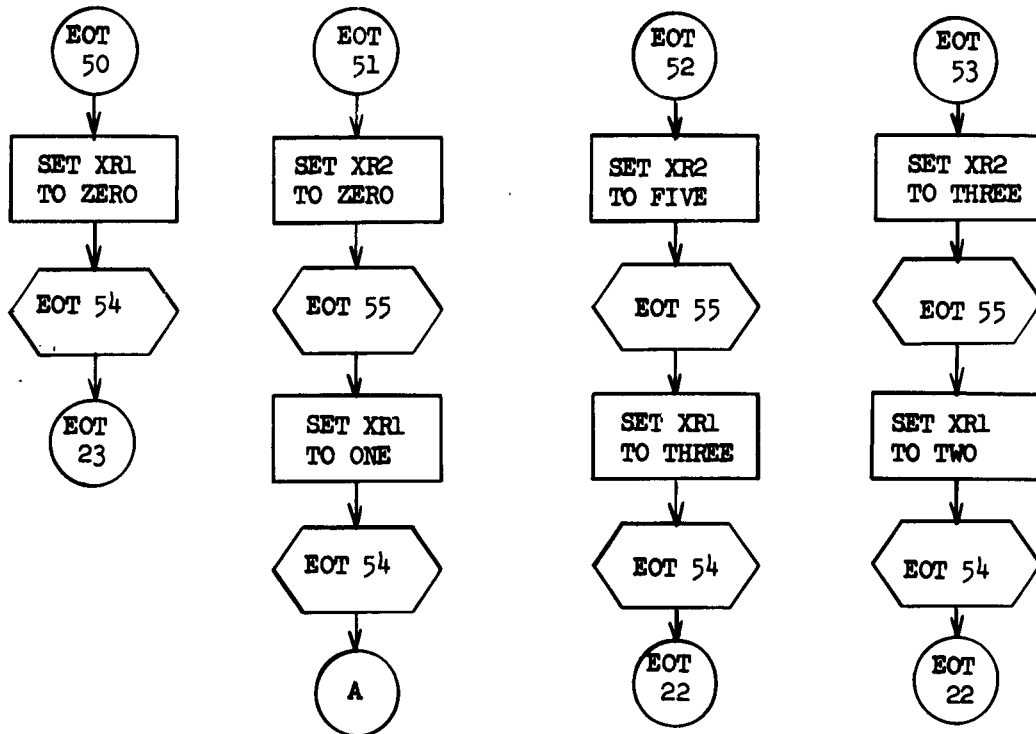


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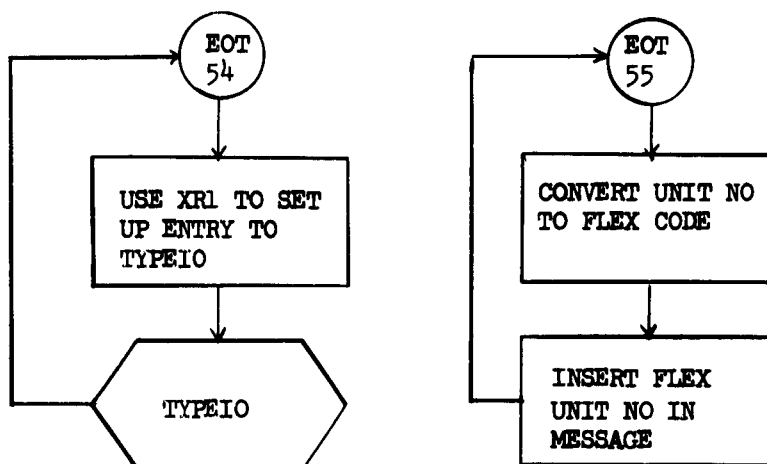




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Reports that EOT (Write end of tape)
will write an end-of-file mark,
four records each consisting of
"END-OF-TAPE", and a double end-of
file mark on any tape and rewind
the tape with or without interlock.

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